******CONFIDENTIAL****PRE-DECISIONAL DOCUMENT******

SITE REEVALUATION WORKSHEET

Site Name: Staefa Control Systems
EPA ID No.: CAD 982 400 228
TDD No.: F9-8905-016
City: San Leandro
County: Alameda

Site Evaluator: Yoon K. Toh, ICF Technology, Incorporated
Date: September 11, 1989

POTENTIAL RELEASES

[X] Ground Water
[ ] Surface Water
[ ] Air
[ ] On-site/Direct Contact

SCORING SCENARIOS		Best Case	Worst Case
GROUND-WATER ROUTE SCORE (Sgw)	=	0.61	3.30
SURFACE WATER ROUTE SCORE (Sw)	=	1.13	7.43
AIR ROUTE SCORE (Sa)	=	0	0
TOTAL SCORE (Sm)	=	0.74	2.37

PROPOSED REVISED HRS MODEL CONSIDERATIONS

GROUND-WATER ROUTE: An increase in migration route from three to four miles will not significantly change the target population.

SURFACE WATER ROUTE: The site is located about 1.75 miles from the San Francisco Bay where recreation, fishing, spawning, and wildlife habitat may be found. As a result, a significant increase in HRS scoring via this route might occur.

AIR ROUTE: There is no information indicating a potential for release via this route.

ON-SITE ROUTE: Since the site is paved and the contaminants were found in the subsurface soil; therefore, risks of on-site exposure is low.

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GROUND-WATER ROUTE WORKSHEET

	Best Case	Worst Case	Ref.	Conf.
1. OBSERVED RELEASE	0	45	1	2
2. ROUTE CHARACTERISTICS				
DEPTH TO AQUIFER OF CONCERN (×2)	4			
NET PRECIPITATION	2			
PERMEABILITY OF UNSATURATED ZONE	0			
PHYSICAL STATE	3			
ROUTE CHARACT. SCORE =	9			
3. CONTAINMENT	1			
4. WASTE CHARACTERISTICS:				
TOXICITY/PERSISTENCE	12	12		K
HAZARDOUS WASTE QUANTITY	1	2	2	1
WASTE CHARACT. SCORE =	13	14		2
5. TARGETS:				
GROUND-WATER USE (×3)	3	3		K
DISTANCE TO NEAREST WELL/ POPULATION SERVED	0	0		K
TOTAL TARGETS SCORE =	3	3		K
GROUND-WATER ROUTE SCORE =	0.61	3.30		3

SURFACE WATER ROUTE WORKSHEET

	Best Case	Worst Case	Ref.	Conf.
1. OBSERVED RELEASE	0	0	1	2
2. ROUTE CHARACTERISTICS				
FACILITY SLOPE AND INTERVENING TERRAIN	0	0		
1-YR., 24-HR. RAINFALL	2	2		
DISTANCE TO NEAREST SURFACE WATER (×2)	2	2		
PHYSICAL STATE	3	3		
ROUTE CHARACT. SCORE =	7	7		
3. CONTAINMENT	1	2	3	
4. WASTE CHARACTERISTICS:				
TOXICITY/PERSISTENCE	18	18		K
HAZARDOUS WASTE QUANTITY	1	2	2	1
WASTE CHARACT. SCORE =	19	20		K
5. TARGETS:				
SURFACE WATER USE (×3)	6	6		K
DISTANCE TO A SENSITIVE ENVIRONMENT (×2)	2	2		K
POPULATION SERVED/ DISTANCE TO DOWNSTREAM WATER INTAKE	0	0		K
TOTAL TARGETS SCORE =	8	8		K
SURFACE WATER ROUTE SCORE =	1.65	3.48		3

AIR ROUTE WORKSHEET

	Best Case	Worst Case	Ref.	Conf.
1. OBSERVED RELEASE	0	0		K
DATE AND LOCATION:				
2. WASTE CHARACTERISTICS:				
REACTIVITY AND INCOMPATIBILITY				
TOXICITY (×3)				
HAZARDOUS WASTE QUANTITY				
WASTE CHARACT. SCORE =				
3. TARGETS:				
POPULATION WITHIN 4 MILES				
DISTANCE TO SENSITIVE ENVIRONMENT (×2)				
LAND USE				
TOTAL TARGETS SCORE =				
AIR ROUTE SCORE =	0	0		K

RATIONALE

1. Assume that a documented release has occurred via this route.
2. The quantity of hazardous wastes used on-site is not known.
3. No information is available on the containment of hazardous substances used onsite.